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* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page for STN Seminar Schedule - N. America
NEWS 2	AUG 06	CAS REGISTRY enhanced with new experimental property tags
NEWS 3	AUG 06	FSTA enhanced with new thesaurus edition
NEWS 4	AUG 13	CA/CAplus enhanced with additional kind codes for granted patents
NEWS 5	AUG 20	CA/CAplus enhanced with CAS indexing in pre-1907 records
NEWS 6	AUG 27	Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS 7	AUG 27	USPATOLD now available on STN
NEWS 8	AUG 28	CAS REGISTRY enhanced with additional experimental spectral property data
NEWS 9	SEP 07	STN AnaVist, Version 2.0, now available with Derwent World Patents Index
NEWS 10	SEP 13	FORIS renamed to SOFIS
NEWS 11	SEP 13	INPADOCDB enhanced with monthly SDI frequency
NEWS 12	SEP 17	CA/CAplus enhanced with printed CA page images from 1967-1998
NEWS 13	SEP 17	CAplus coverage extended to include traditional medicine patents
NEWS 14	SEP 24	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS 15	OCT 02	CA/CAplus enhanced with pre-1907 records from Chemisches Zentralblatt
NEWS 16	OCT 19	BEILSTEIN updated with new compounds
NEWS 17	NOV 15	Derwent Indian patent publication number format enhanced
NEWS 18	NOV 19	WPIX enhanced with XML display format
NEWS 19	NOV 30	ICSD reloaded with enhancements
NEWS 20	DEC 04	LINPADOCDB now available on STN
NEWS 21	DEC 14	BEILSTEIN pricing structure to change
NEWS 22	DEC 17	USPATOLD added to additional database clusters
NEWS 23	DEC 17	IMSDRUGCONF removed from database clusters and STN
NEWS 24	DEC 17	DGENE now includes more than 10 million sequences
NEWS 25	DEC 17	TOXCENTER enhanced with 2008 MeSH vocabulary in MEDLINE segment
NEWS 26	DEC 17	MEDLINE and LMEDLINE updated with 2008 MeSH vocabulary
NEWS 27	DEC 17	CA/CAplus enhanced with new custom IPC display formats
NEWS 28	DEC 17	STN Viewer enhanced with full-text patent content from USPATOLD
NEWS 29	JAN 02	STN pricing information for 2008 now available
NEWS 30	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS 31	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS 32	JAN 28	MARPAT searching enhanced
NEWS 33	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS 34	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment

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 NEWS 35  JAN 28  MEDLINE and LMEDLINE reloaded with enhancements
 NEWS 36  FEB 08  STN Express, Version 8.3, now available


 NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,
              AND CURRENT DISCOVER FILE IS DATED 24 JANUARY 2008

 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS LOGIN    Welcome Banner and News Items
 NEWS IPC8     For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
specific topic.

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* * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 19:14:54 ON 19 FEB 2008

=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.21       0.21

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STRUCTURE FILE UPDATES:   18 FEB 2008  HIGHEST RN 1004360-55-7
DICTIONARY FILE UPDATES:  18 FEB 2008  HIGHEST RN 1004360-55-7

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TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

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REGISTRY includes numerically searchable data for experimental and
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http://www.cas.org/support/stngen/stndoc/properties.html

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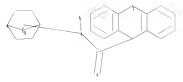
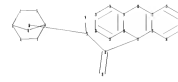




chain nodes :
11 12 13 14
ring nodes :
1 2 3 4 5 6 8 17 18 19 20 21 22 23 24 25 26 27 28 29 30
chain bonds :
11-12 11-14 12-13 12-17
ring bonds :
1-2 1-6 1-8 2-3 3-4 4-5 4-8 5-6 17-18 17-22 18-19 18-27 19-20 19-30
20-21 21-22 21-23 22-26 23-24 24-25 25-26 27-28 28-29 29-30
exact/norm bonds :
1-2 1-6 1-8 2-3 3-4 4-5 4-8 5-6 11-12 11-14 12-13 12-17 17-18 17-22
19-20 20-21
normalized bonds :
18-19 18-27 19-30 21-22 21-23 22-26 23-24 24-25 25-26 27-28 28-29 29-30
isolated ring systems :
containing 1 : 17 :

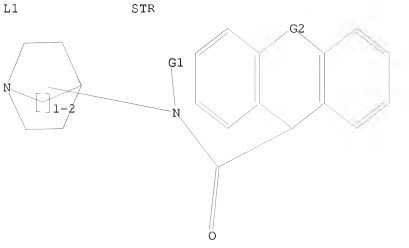
G1:C,H

G2:C,O,S

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 8:Atom 11:CLASS 12:CLASS
13:CLASS 14:CLASS 16:CLASS 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom
23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



G1 C,H
G2 C,O,S

Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SCREEN SEARCH COMPLETED - 839 TO ITERATE

100.0% PROCESSED 839 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 15043 TO 18517
PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 19:15:39 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 16710 TO ITERATE

100.0% PROCESSED 16710 ITERATIONS 28 ANSWERS
SEARCH TIME: 00.00.01

L3 28 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 178.36 178.57

FILE 'CAPLUS' ENTERED AT 19:15:44 ON 19 FEB 2008

FILE COVERS 1907 - 19 Feb 2008 VOL 148 ISS 8
FILE LAST UPDATED: 18 Feb 2008 (20080218/ED)

=> s l3 full
L4 1 L3

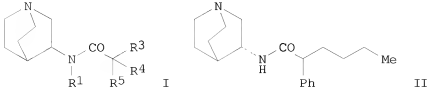
=> d ibib abs hitstr tot

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2004:41467 CAPLUS
DOCUMENT NUMBER: 140:94180
TITLE: Preparation of new quinuclidine amide derivatives for therapeutic uses as antagonists of M3 muscarinic receptors
INVENTOR(S): Prat Quinones, Maria
PATENT ASSIGNEE(S): Almirall Prodesfarma S.A., Spain
SOURCE: PCT Int. Appl., 65 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004005285	A1	20040115	WO 2003-EP6708	20030625
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
ES 2204295	A1	20040416	ES 2002-1539	20020702
ES 2204295	B1	20050801		
CA 2492535	A1	20040115	CA 2003-2492535	20030625
AU 2003242757	A1	20040123	AU 2003-242757	20030625
EP 1519933	A1	20050406	EP 2003-762514	20030625
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003012216	A	20050412	BR 2003-12216	20030625
CN 1678610	A	20051005	CN 2003-820648	20030625
JP 2005533826	T	20051110	JP 2004-518575	20030625
NZ 537341	A	20060428	NZ 2003-537341	20030625
RU 2314306	C2	20080110	RU 2005-102585	20030625
MX 2004PA12271	A	20050408	MX 2004-PA12271	20041207
ZA 2004010404	A	20050905	ZA 2004-10404	20041223
IN 2004DN04140	A	20061229	IN 2004-DN4140	20041227
NO 2005000164	A	20050404	NO 2005-164	20050112
US 2006167042	A1	20060727	US 2005-518714	20050801

PRIORITY APPLN. INFO.:			
		ES 2002-1539	A 20020702
		WO 2003-EP6708	W 20030625

OTHER SOURCE(S): MARPAT 140:94180
GI



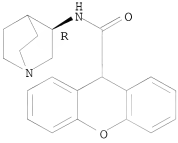
AB N-quinuclidinyl amides, such as I [R1 = H, alkyl; R3 = furyl, thienyl, phenyl; R4 = alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylmethyl, Ph,

benzyl, phenethyl, furyl, thienyl; R5 = H, OH, Me, CH2OH], were prepared for use in therapy as antagonists of M3 muscarinic receptors. These amides are claimed for use in the treatment of respiratory, urol. or gastrointestinal pathol. conditions and diseases susceptible to amelioration by antagonism of M3 muscarinic receptors. Thus, amide II was prepared in 63.1% yield via an amidation reaction of (3R)-aminoquinuclidine with 2-phenylhexanoic acid in DMF and CHCl3. The prepared N-quinuclidinyl amides were assayed for human muscarinic receptor binding activity and for effect on bronchial response to i.v. acetylcholine challenge in guinea pigs. Tablet, liquid inhalant, powder inhalant, and inhalation aerosol pharmaceutical compns. of the amides were presented.

IT 644468-35-9P 644468-40-6P
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of N-quinuclidinyl amides for use in pharmaceutical compns. as M3 muscarinic receptor antagonists)

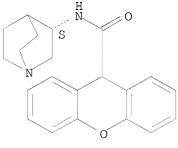
RN 644468-35-9 CAPLUS
CN 9H-Xanthene-9-carboxamide, N-(3R)-1-azabicyclo[2.2.2]oct-3-yl- (CA INDEX NAME)

Absolute stereochemistry.



RN 644468-40-6 CAPLUS
CN 9H-Xanthene-9-carboxamide, N-(3S)-1-azabicyclo[2.2.2]oct-3-yl- (CA INDEX NAME)

Absolute stereochemistry.



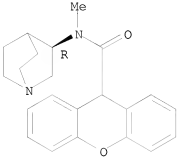
IT 644468-22-4P 644468-34-8P 644468-39-3P
644468-71-3P 644468-72-4P 644468-73-5P
644468-75-7P 644468-77-9P 644468-79-1P
644468-80-4P 644468-82-6P 644468-84-8P
644468-96-2P 644468-97-3P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of N-quinuclidinyl amides for use in pharmaceutical compns. as

M3 muscarinic receptor antagonists)

RN 644468-22-4 CAPLUS

CN 9H-Xanthene-9-carboxamide, N-(3R)-1-azabicyclo[2.2.2]oct-3-yl-N-methyl- (CA INDEX NAME)

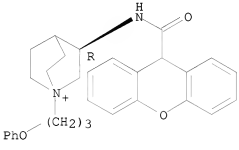
Absolute stereochemistry.



RN 644468-34-8 CAPLUS

CN 1-Azoniabicyclo[2.2.2]octane, 1-(3-phenoxypropyl)-3-[(9H-xanthen-9-ylcarbonyl)amino]-, bromide, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● Br⁻

RN 644468-39-3 CAPLUS

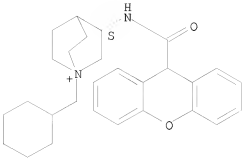
CN 1-Azoniabicyclo[2.2.2]octane, 1-(cyclohexylmethyl)-3-[(9H-xanthen-9-ylcarbonyl)amino]-, (3S)-, salt with trifluoroacetic acid (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 644468-38-2

CMF C28 H35 N2 O2

Absolute stereochemistry.



CM 2

CRN 14477-72-6
CMF C2 F3 O2

RN 644468-71-3 CAPLUS
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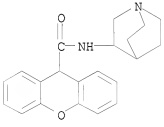
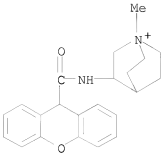
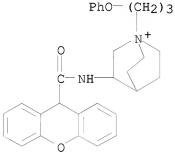


RN 644468-72-4 CAPLUS
CN 1-Azoniabicyclo[2.2.2]octane, 1-methyl-3-[(9H-xanthen-9-ylcarbonyl)amino]-, bromide (9CI) (CA INDEX NAME)



● Br^-

RN 644468-73-5 CAPLUS
CN 1-Azoniabicyclo[2.2.2]octane, 1-(3-phenoxypropyl)-3-[(9H-xanthen-9-ylcarbonyl)amino]-, bromide (9CI) (CA INDEX NAME)



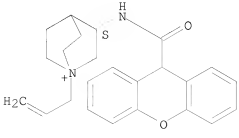
● Br^-

RN 644468-75-7 CAPLUS
CN 1-Azoniabicyclo[2.2.2]octane, 1-(2-propenyl)-3-[(9H-xanthen-9-ylcarbonyl)amino]-, (3S)-, salt with trifluoroacetic acid (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 644468-74-6
CMF C24 H27 N2 O2

Absolute stereochemistry.



CM 2

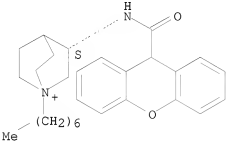
CRN 14477-72-6
CMF C2 F3 O2

RN 644468-77-9 CAPLUS
CN 1-Azoniabicyclo[2.2.2]octane, 1-heptyl-3-[(9H-xanthen-9-ylcarbonyl)amino]-, (3S)-, salt with trifluoroacetic acid (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 644468-76-8
CMF C28 H37 N2 O2

Absolute stereochemistry.



CM 2

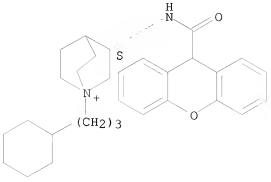
CRN 14477-72-6
CMF C2 F3 O2

RN 644468-79-1 CAPLUS
CN 1-Azoniabicyclo[2.2.2]octane, 1-(3-cyclohexylpropyl)-3-[(9H-xanthen-9-ylcarbonyl)amino]-, (3S)-, salt with trifluoroacetic acid (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 644468-78-0
CMF C30 H39 N2 O2

Absolute stereochemistry.

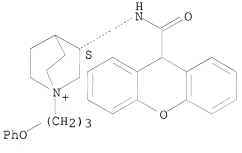


CM 2

CRN 14477-72-6
CMF C2 F3 O2

RN 644468-80-4 CAPLUS
CN 1-Azoniabicyclo[2.2.2]octane, 1-(3-phenoxypropyl)-3-[(9H-xanthen-9-ylcarbonyl)amino]-, bromide, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



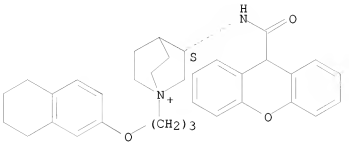
● Br^-

RN 644468-82-6 CAPLUS
CN 1-Azoniabicyclo[2.2.2]octane, 1-[3-[(5,6,7,8-tetrahydro-2-naphthalenyl)oxy]propyl]-3-[(9H-xanthen-9-ylcarbonyl)amino]-, (3S)-, salt with trifluoroacetic acid (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 644468-81-5
CMF C34 H39 N2 O3

Absolute stereochemistry.



CM 2

CRN 14477-72-6
CMF C2 F3 O2

RN 644468-84-8 CAPLUS
CN 1-Azoniabicyclo[2.2.2]octane, 1-[5-(2,6-dimethylphenoxy)pentyl]-3-[(9H-xanthen-9-ylcarbonyl)amino]-, (3S)-, salt with trifluoroacetic acid (1:1) (9CI) (CA INDEX NAME)

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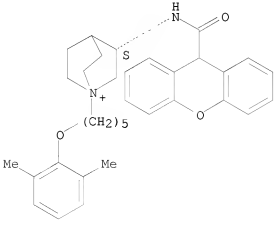
CRN 644468-83-7
CMF C34 H41 N2 O3

Absolute stereochemistry.

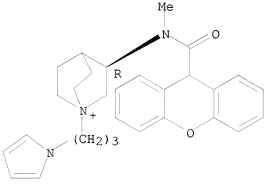


CM 2

CRN 14477-72-6
CMF C2 F3 O2

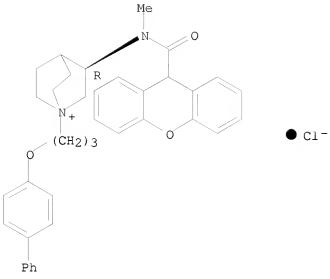
RN 644468-96-2 CAPLUS
CN 1-Azoniabicyclo[2.2.2]octane, 3-[methyl(9H-xanthen-9-ylcarbonyl)amino]-1-[3-(1H-pyrrol-1-yl)propyl]-, bromide, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 644468-97-3 CAPLUS
CN 1-Azoniabicyclo[2.2.2]octane, 1-[3-([1,1'-biphenyl]-4-yloxy)propyl]-3-[methyl(9H-xanthen-9-ylcarbonyl)amino]-, chloride, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

```
=> d his

     (FILE 'HOME' ENTERED AT 19:14:54 ON 19 FEB 2008)

     FILE 'REGISTRY' ENTERED AT 19:15:03 ON 19 FEB 2008
L1             STRUCTURE UPLOADED
L2               1 S L1
L3              28 S L1 FULL

     FILE 'CAPLUS' ENTERED AT 19:15:44 ON 19 FEB 2008
L4               1 S L3 FULL

=> log y
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     5.93     184.50

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                    -0.80      -0.80

STN INTERNATIONAL LOGOFF AT 19:16:15 ON 19 FEB 2008
```